

ECS Configuration Change Request

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Page(s)

1. Originator Alexander Schuster	2. Log Date: 1/30/02	3. CCR #: 02-0065	4. Rev:	5. Tel: 925-0519	6. Rm #: 3008B	7. Dept. RDEV
8. CCR Title: Web and Java Products for Data Pool: Initial Release to the DAACs						
9. Originator Signature/Date			10. Class II	11. Type: CCR	12. Need Date: 01/30/02	
13. Office Manager Signature/Date			14. Category of Change: PSR		15. Priority: (If "Emergency" fill in Block 27). Routine	
16. Documentation/Drawings Impacted: See additional sheet			17. Schedule Impact: N/A		18. CI(s) Affected: Synergy Data Pool Web Access	
19. Release Affected by this Change: 6A		20. Date due to Customer: 01/30/02		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input checked="" type="checkbox"/> Other:						
23. Problem: (use additional Sheets if necessary) The Data Pool Web Access application is implemented in Java and runs on an apache web server. This custom software for the Synergy Release, having been tested in the EDF Functionality lab on f2ins01 and in the PVC on p0mss21, is now ready for deployment. The custom application requires a number of COTS products to be installed, including the Apache web server, Jakarta-Tomcat servlet engine, and additional freeware COTS required for java web applications.						
24. Proposed Solution: (use additional sheets if necessary) See additional sheet.						
25. Alternate Solution: (use additional sheets if necessary) None						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Data Pool functionality will not be available at the DAACs as scheduled.						
27. Justification for Emergency (If Block 15 is "Emergency"):						
28. Site(s) Affected: <input type="checkbox"/> EDF <input type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:				30. Work Assigned To:		31. CCR Closed Date:
32. EDF/SCDV CCB Chair (Sign/Date): /s/ Byron Peters 1/31/02		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
33. M&O CCB Chair (Sign/Date): /s/ Pamela Johnson 1/30/02		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
34. ECS CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS				

ADDITIONAL SHEET

CCR #: 02-0065

Rev: - Originator: Alexander Schuster

Telephone: 925-0519

Office: RDEV

Title of Change: Web and Java Products for Data Pool: Initial Release to the DAACs

16. Documentation/Drawings Impacted:

910-TDA-003	COTS Software Version Baseline
910-TDA-023	Critical COTS Software List
914-TDA-179	Web and Java Products for Data Pool, Initial Release for the ECS Project
920-TDE-002	Hardware-Software Map (EDC)
920-TDG-002	Hardware-Software Map (GSFC)
920-TDL-002	Hardware-Software Map (LaRC)
920-TDN-002	Hardware-Software Map (NSIDC)
920-TDP-002	Hardware-Software Map (PVC)
920-TDV-002	Hardware-Software Map (VATC)

24. Proposed Solution:

Deliver the following COTS products to all sites and the VATC:

- Apache Web Server v1.3.22
- Tomcat v3.2.3
- JDBC API v2.0
- JDOM v1.0beta7
- Velocity v1.1
- WebGLIS v3.2.1

Install the Data Pool COTS on the xxmss20 machines at EDC, GSFC, LaRC, and NSIDC according to the instructions in 914-TDA-179. Install JDOM on the xxdig06 machines at the sites as well.

Install the Data Pool COTS on t1mss06 in the VATC according to the instructions in 914-TDA-179, which is attached to this CCR. Install JDOM on t1dpg06 as well.

The software package consists of the following two tar files.

Checksum	Size	Filename
=====	=====	=====
2285528390	14665401	datapool_cots_jan02.tar.gz
3010284765	706201202	webglis_data.tar.gz

No license keys are required.